

LED SHOEBOX LIGHT



SMART 400 SERIES



FEATURES:

- High quality drivers 100-277Vac / 120-347Vac / 277-480Vac
- New structure design, more flexible lighting direction
- Base on Morlink / Silvair Bluetooth Wireless Control
- Type III ,Type IV ,Type V and flood lens optional
- IP65, suitable for wet locations.
- Cast aluminium design, better cooling and easy replacement
- Compliant with US and Canada or CE codes
- Superior efficacy meets DLC Premium requirements.

APPLICATIONS:

- Commercial and industrial places with high brightness requirements such as parking lots, lanes, outdoor courts (basketball, tennis, volleyball, etc.)
- Operating Temperature -40°F to 113°F (-40°C to +45°C)

PRODUCT DESCRIPTION:

The smart LED shoebox lights represent a fusion of cutting-edge intelligent control technology with high-performance LED shoebox lights. These lights are designed for use in a variety of settings, including commercial and industrial locations that demand high brightness. Enabled by Bluetooth mesh technology and an intelligent control system, these lights offer a range of features such as energy consumption monitoring, brightness adjustment, schedule management, motion detection, and group control. Users can conveniently operate these functions through a dedicated app or SaaS platform.

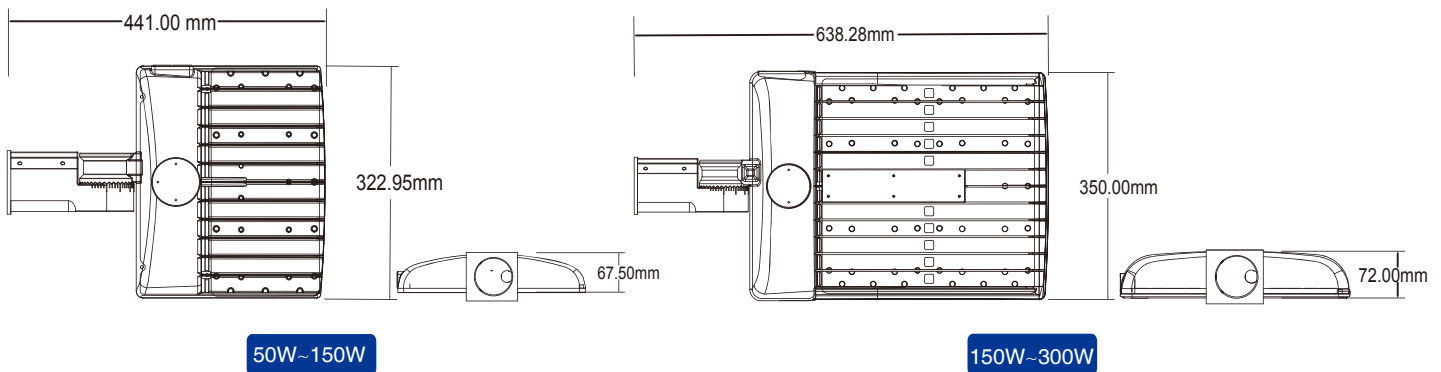
CONTROLS:

- Bluetooth PIR / Microwave motion sensor
- Zhaga BOOK18 Bluetooth PIR Sensor

WARRANTY:

- 5-year standard warranty

DIMENSION DRAWING:



PARAMETER

Ordering information MA-EPL401A-50W-50K-A-T3-D-HV-Z-B

FAMILY	WATTAGE	CCT	BREAKET	BEAM ANGLE	HV	SENSOR MODEL	OPTIONS
MA-EPL=LED Parking Lot Light	50W	40K=4000K 50K=5000K 57K=5700K 65K=6500K	Blank A=Slip Filter B=Arm; B2=Arm(Adj) C=Trunnion; E=Yoke	T3=Type III T4=Type IV T5=Type V	HV=347V LV=277V	M=Microwave P=PIR Z=Zhaga	B=BLE Control EM= Emergency Driver

¹TCP=3000K/4000K/5000K DIP Selectable
CCT=3000K-5000K Stepless Adjustable

SPECIFICATION:

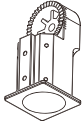
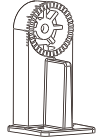

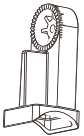


		MA-EPL401A	MA-EPL402A	MA-EPL403A	MA-EPL404A	MA-EPL405A	MA-EPL405A
ITEM	SPECIFICATION	DETAILS					
GENERAL PERFORMANCE	Power Consumption	50W	100W	150W	200W	240W	300W
	Equivalent Wattage	150W	320W	450W	600W	750W	1000W
	Lumens Delivered	6500LM	13000LM	19500LM	26000LM	31200LM	39000LM
	Efficacy	130LM/W (±10%)					
	CRI	Ra>70/80					
	Color Temperature	2700K-6500K					
	Beam Angle	TYPEIII, TYPEIV, TYPEV					
	Housing Color	Bronze / Black / Silver / White					
ELECTRICAL	Power Factor	>0.9					
	Input Voltage	100-277Vac / 120-347Vac / 277-480Vac					
	Dimming	0-10V dimmable					
	Surge Protection	10KA					
PHYSICAL	Mounting	Slip Fitter/ Square Pole Mount /WALL Mount / Round Pole Mount					
	Operating Temperature	-40°C to +45°C(-40°F to +113°F)					
QUALIFICATION	Qualifications	UL/cUL, DLC5.1Premium					
	Material Usage	CE RoHS compliant; no mercury					
	Environment	outdoor / Wet, IP65					
	Warranty	5 Year Warranty					

ACCESSORIES (For APP Smart Fixture):

MODEL NUMBER	DESCRIPTION	IMAGE
MA-LH301Z	Zhaga BOOK18 Bluetooth PIR Sensor works with Morlink / Silvair	



FIXTURE ACCESSORIES (OPTIONAL):



MODEL NUMBER	DESCRIPTION	IMAGE
Connector Y1	Slip Fitter Mount	
Connector Y2	Square Pole Mount	
Connector Y3	WALL Mount	
Connector Y4	Round Pole Mount	
Connector F2	Trunnion mount	
Twist-lock Photocell	Terminals meeting the requirements of ANSI C136.10-2010 and the Standard for Use with Area Lighting UL773	

PACKING/WEIGHT INFORMATION:

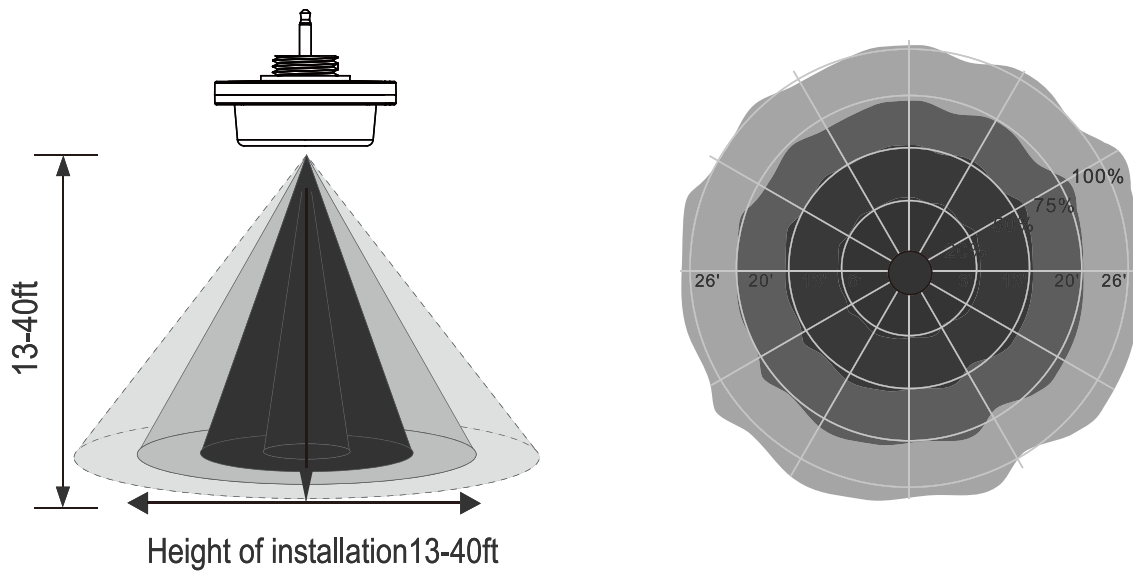
Wattage	Product Size(mm/in)	Package Size(mm/in)	N.W (Kg/lb)	G.W (Kg/Lbs)	QTY
50W	340 x 322 x 77.5 mm 13.39 x 12.68 x 3.05 in	580 x 400 x 130 mm 22.83 x 15.75 x 5.12 in	3.8 Kg(8.38 lb)	4.8kg(10.59lb)	1 PCS
100W	340 x 322 x 77.5 mm 13.39 x 12.68 x 3.05 in	580 x 400 x 130 mm 22.83 x 15.75 x 5.12 in	3.8 Kg(8.38 lb)	4.8kg(10.59lb)	1 PCS
150W	340 x 322 x 77.5 mm 13.39 x 12.68 x 3.05 in	580 x 400 x 130 mm 22.83 x 15.75 x 5.12 in	3.8 Kg(8.38 lb)	4.8kg(10.59lb)	1 PCS
200W	538 x 354 x 72 mm 21.18 x 13.94 x 2.83 in	610 x 410 x 130 mm 24.02 x 16.14 x 5.12 in	5.2 Kg(11.47lb)	6.7kg(14.78lb)	1 PCS
240W	538 x 354 x 72 mm 21.18 x 13.94 x 2.83 in	610 x 410 x 130 mm 24.02 x 16.14 x 5.12 in	5.2 Kg(11.47lb)	6.7kg(14.78lb)	1 PCS
300W	538 x 354 x 72 mm 21.18 x 13.94 x 2.83 in	610 x 410 x 130 mm 24.02 x 16.14 x 5.12 in	5.2 Kg(11.47lb)	6.7kg(14.78lb)	1 PCS



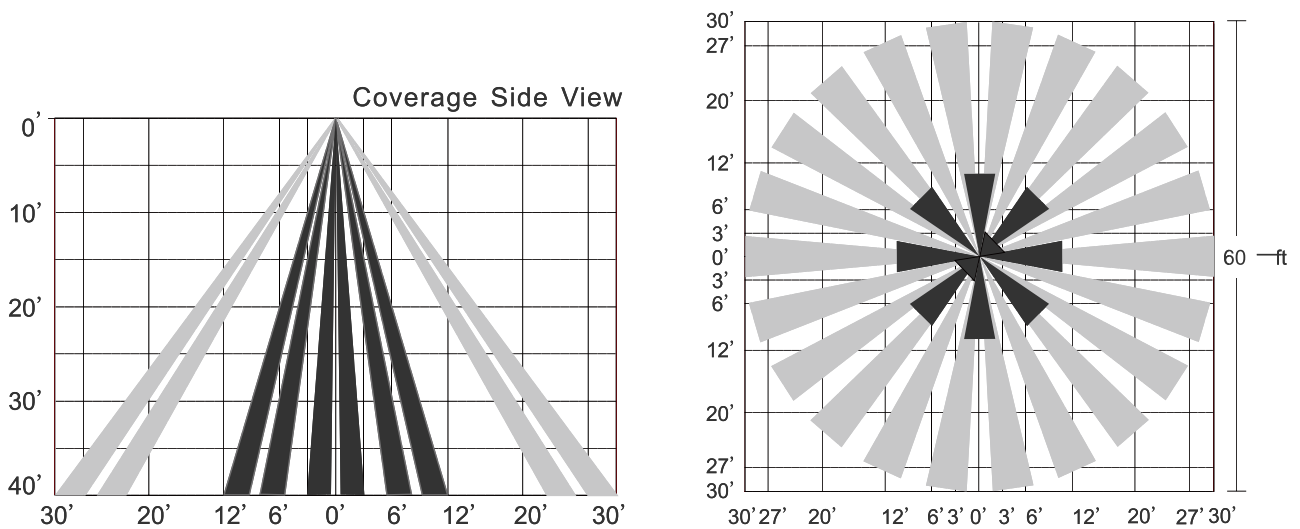
ACCESSORIES (For APP Smart Fixture):

MODEL NUMBER	DESCRIPTION	IMAGE
MA-LH101M	Bluetooth Microwave Motion Sensor works with Morlink / Silvair	
MA-LH201P	Bluetooth PIR sensor works with Morlink / Silvair	

MICROWAVE SENSOR COVERAGE:



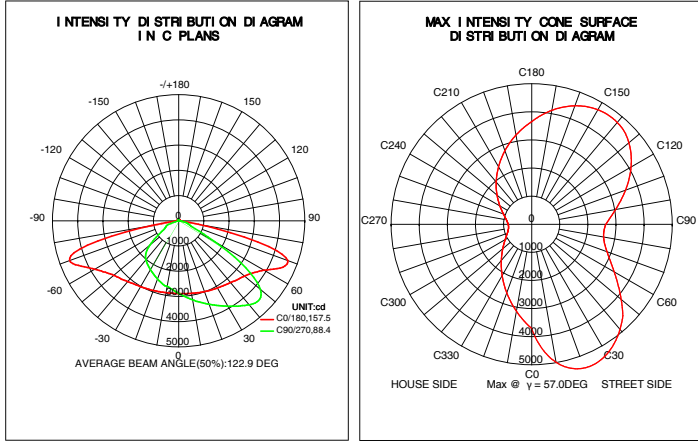
PIR SENSOR COVERAGE:



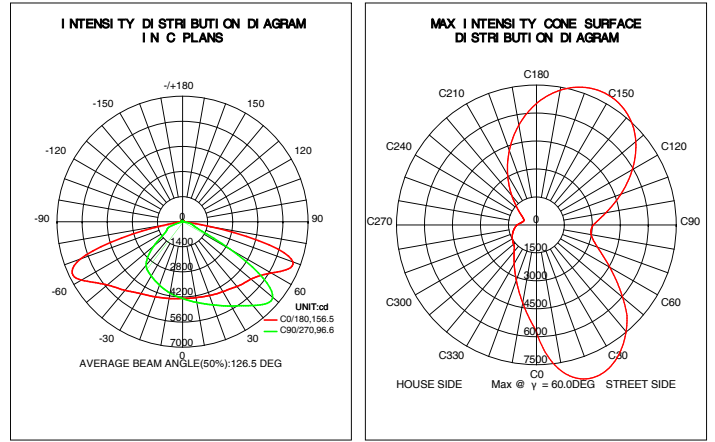
LUMINOUS INTENSITY DISTRIBUTION CURVE:

Photometric values based upon tests performed in compliance w/ LM-79.

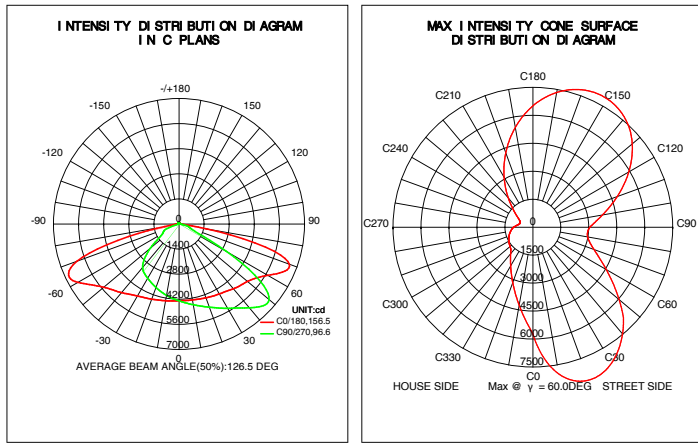
1.MA-EPL401A-50W



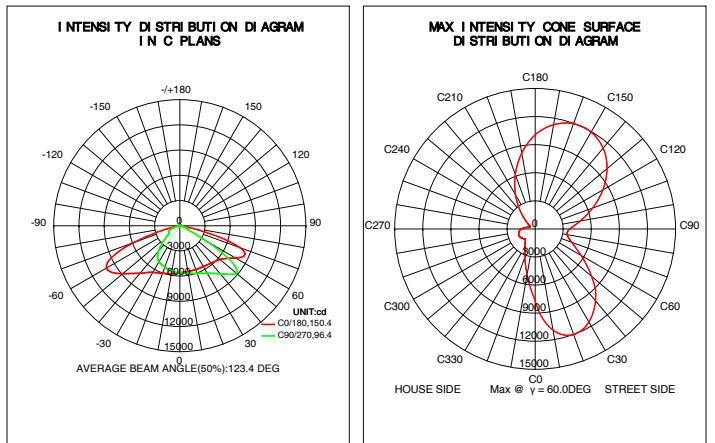
2.MA-EPL402A-100W



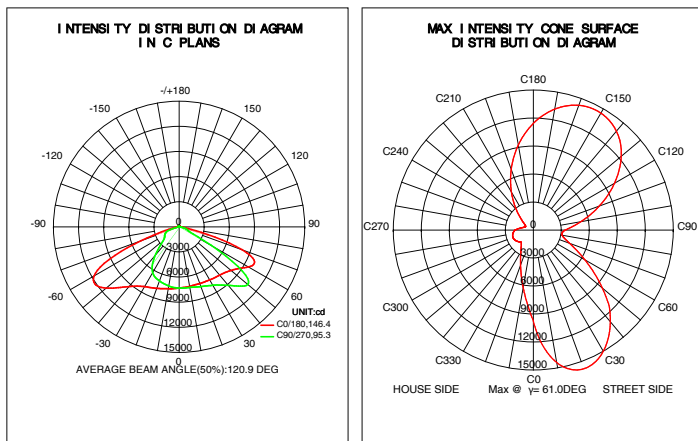
2.MA-EPL403A-150W



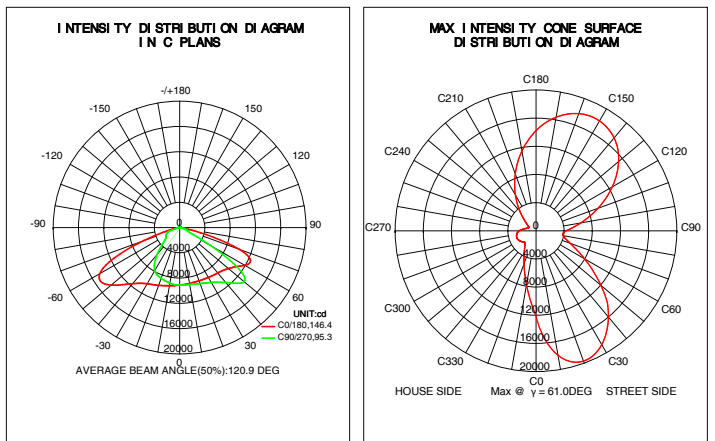
3.MA-EPL404A-200W



4.MA-EPL405A-240W



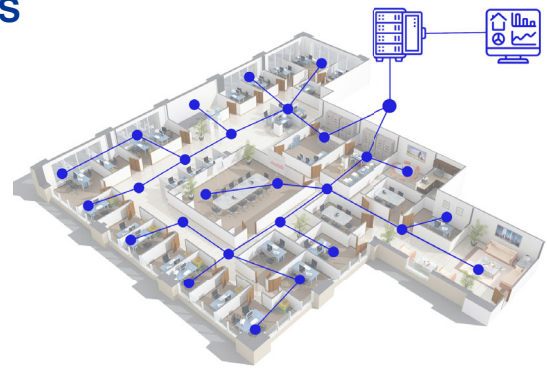
5.MA-EPL406A-300W



*Other beam distributions available as special orders. Contact Morstar for more details.



Our Smart Lighting Solutions



MORLINK

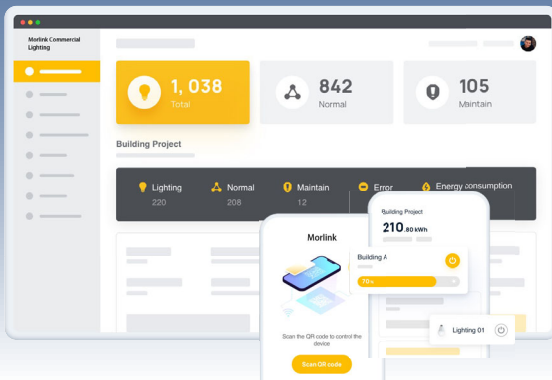


Complete Businesses
Smart Lighting Solution

01 Multi-application platform design, integrating Bluetooth, Zigbee and WiFi wireless general technology can realize equipment group control, equipment monitoring and fault diagnosis, scene management, and automation, etc.

02 Users can share lighting equipment by equipment category or area on the Morlink SaaS platform, and scan the equipment sharing QR code through the Morlink applet for remote control.

03 Support visual management of equipment, large-scale data analysis, user authorization and allocation, site mapping and configuration, and unified management of multiple projects.



SILVAIR



Reliable and energy-efficient
lighting control solution

Silvaire Intelligent Lighting Control System is a wireless lighting control system that uses Bluetooth mesh technology to enable advanced lighting control capabilities. Compared to other competitors in the market.



Compatibility

Compatible with more devices including DALI and 0-10V interfaces. Can be easily integrated into existing lighting infrastructure without major changes.



Capabilities

More advanced lighting control functions can be integrated with other building automation systems to provide a comprehensive solution for intelligent lighting control.



Interface

Friendly interface: Intuitive user interface, can easily control and manage their lighting system and provide configuration and customization services to meet specific user needs.



Scalability

Highly scalable and can be easily expanded as lighting needs grow. This makes it an ideal solution for both small and large-scale projects.

